



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: **TA CHANG FU ET AL.**

Serial No.: **10/650,881**

Filed: **28 AUGUST 2003**

For: **METHOD OF REDUCING FRICTION DURING CLIP ADJUSTMENT IN HARD DISK DRIVE AND SPINDLE MOTOR BALANCE PROCESS**

§ Attorney Docket No. **HSJ920030132US2**

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Examiner: **UNKNOWN**

Art Unit: **UNKNOWN**

**PETITION UNDER 37 C.F.R. § 1.48(a)**  
**TO CORRECT INVENTORSHIP IN APPLICATION**

Mail Stop – Patent Applications  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Petition is submitted under 37 C.F.R. §1.48(a) to correct the original naming of inventors in the Declaration that was filed on August 28, 2003. Such erroneous omission occurred without any deceptive intention on the part of the inventor that was omitted.

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 C.F.R. § 1.10**

"Express Mail" mailing label number: **EV 277962005 US**

Date of Mailing: **April 14, 2004**

I hereby certify that the documents indicated below are being deposited with the United States Postal Service under 37 C.F.R. § 1.10 on the date indicated above and are addressed to **Mail Stop Patent Applications, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450** and mailed on the above Date of Mailing with the above "Express Mail" mailing label number.

Vongasavanh Khamxay  
(name of person mailing paper)

Vongasavanh Khamxay  
SIGNATURE of person mailing paper or fee

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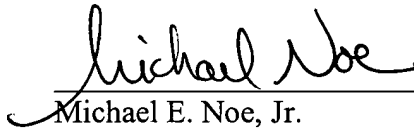
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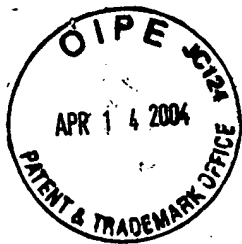
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Amendment and Petition to Correct Inventorship  
Attorney Docket No. HSJ920030132US2

This petition is made to correct the inventorship of the above-entitled application by adding inventor **Tisha Jefferson**, in addition to the originally named inventors in the Declaration as filed with the Patent Application on August 28, 2003. Attached to this amendment and petition are the following documents in support thereof:

1. A duly executed Statement by **Tisha Jefferson** pursuant to 37 C.F.R. §1.48(a)(1), wherein the proposed added inventor, **Tisha Jefferson**, states that she was erroneously omitted from the declaration that was filed on August 28, 2003, and that there was no deceptive intent on her part.
2. A corrected Declaration and Power of Attorney duly executed by all inventors.
3. An Assent of Assignee to Add Inventor under 37 C.F.R. § 1.48(a)(4). Attached to this assent are:
  - (a) Statement Under 37 C.F.R. § 3.73(b); and
  - (b) Recordation Assignment Cover Sheet with a duly executed corrected assignment document.
4. The petition fee of \$130.00 as set forth in 37 C.F.R. § 1.17(i) may be charged to **Bracewell & Patterson, L.L.P.'s Account No. 50-0259**.

  
\_\_\_\_\_  
Michael E. Noe, Jr.  
Reg. No. 44,975  
BRACEWELL & PATTERSON, L.L.P.  
P.O. Box 61389  
Houston, Texas 77208-1389  
(512) 472-7800  
ATTORNEY FOR APPLICANTS



04.15-04

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **TA CHANG FU ET AL.**

Serial No.: **10/650,881**

Filed: **28 AUGUST 2003**

For: **METHOD OF REDUCING FRICTION DURING BALANCE CLIP ADJUSTMENT IN HARD DISK DRIVE AND SPINDLE MOTOR BALANCE PROCESS**

§ Attorney Docket No. **HSJ920030132US2**  
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§ Examiner: **UNKNOWN**  
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§ Art Unit: **2652**  
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**STATEMENT OF TISHA JEFFERSON UNDER 37 C.F.R. § 1.48(a)(1)**

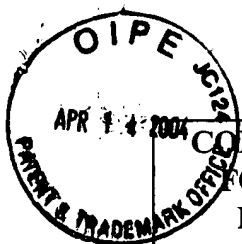
Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Sir:

I am Tisha Jefferson, an inventor in the above-identified matter. I was inadvertently not listed as such on the Declaration under 37 C.F.R. 1.48(a) as set forth and filed on August 28, 2003. This error in inventorship occurred without deceptive intention on my part.

DATE: February 10, 2004

Tisha R. Jeff  
TISHA JEFFERSON



<b>CORRECTED DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration submitted with initial filing <input checked="" type="checkbox"/> Declaration submitted after initial filing (surcharge required (37 CFR 1.16(e)) )	Attorney Docket No.	<b>HSJ920030132US2</b>
	First Named Inventor	<b>TA-CHANG FU ET AL.</b>
	Application Number	<b>10/650,881</b>
	Filing Date	<b>28 AUGUST 2003</b>
	Examiner Name	<b>Unknown</b>

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF REDUCING FRICTION DURING BALANCE CLIP ADJUSTMENT IN HARD DISK  
DRIVE AND SPINDLE MOTOR BALANCE PROCESS**

the specification of which:

- ☐ is attached hereto, or  
☒ was filed on 08/28/2003 as United States Application Number 10/650,881.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Numbers	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached YES NO	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute the application identified above and to transact all business in the United States Patent and Trademark Office connected therewith.

Douglas R. Millett, Reg. No. 31,784;  
Robert B. Martin, Reg. No. 26,945;  
Lewis L. Nunnelley, Reg. No. 42,942;  
Patrick Duncan, Reg. No. 41,721;  
Rambod Nader, Reg. No. 47,262.

Andrew J. Dillon, Reg. No. 29,634;  
Craig J. Yudell, Reg. No. 39,083;  
Brian F. Russell, Reg. No. 40,796;  
Antony P. Ng, Reg. No. 43,427;  
Michael E. Noe, Jr., Reg. No. 44,975;  
James E. Boice, Reg. No. 44,545.

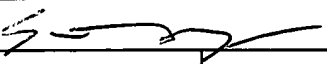
Direct all correspondence to:

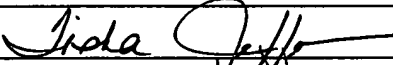
**BRACEWELL & PATTERSON, L.L.P.**  
**P.O. BOX 969**  
**AUSTIN, TX 78767-0969**  
**Telephone: 512.472.7800**  
**Fax: 512.472.9123**

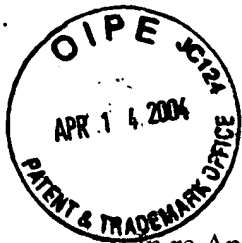
**Customer No. 28722**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name: (first and middle [if any]) <b>TA-CHANG</b>		Family Name or Surname: <b>FU</b>	
Inventor's Signature: <i>Ta-Chang Fu</i>		Date: <i>3/29/04</i>	
Residence: City:	State:	Country: <b>USA</b>	Citizenship: <b>USA</b>
Mailing Address: <b>1126 Pippin Creek Ct.</b>			
City: <b>San Jose</b>	State: <b>CA</b>	ZIP: <b>95120</b>	Country: <b>USA</b>

<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name: (first and middle [if any]) <b>STANLEY YEN</b>		Family Name or Surname: <b>WONG</b>	
Inventor's Signature: 		Date: <b>3/17/04</b>	
Residence: City:	State:	Country: <b>USA</b>	Citizenship: <b>USA</b>
Mailing Address: <b>1745 Locksley Park Drive</b>			
City: <b>San Jose</b>	State: <b>CA</b>	ZIP: <b>95132</b>	Country: <b>USA</b>

<b>NAME OF THIRD INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name: (first and middle [if any]) <b>TISHA</b>		Family Name or Surname: <b>JEFFERSON</b>	
Inventor's Signature: 		Date:	
Residence: <b>5310N Fox Cove Lane</b> City: <b>Greensboro</b>	State: <b>NC</b>	Country: <b>USA</b>	Citizenship: <b>USA</b>
Mailing Address: <b>5310N Fox Cove Lane</b>			
City: <b>Greensboro</b>	State: <b>NC</b>	ZIP: <b>27407</b>	Country: <b>USA</b>



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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§ Attorney Docket No. **HSJ920030132US2**

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Examiner: **UNKNOWN**

Art Unit: **UNKNOWN**

**ASSENT OF ASSIGNEE TO CORRECTION AND/OR ADDITION OF INVENTOR**

Mail Stop – Patent Applications  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**Hitachi Global Storage Technologies Netherlands B.V.**  
**Locatellikade 1**  
**Parnassustoren**  
**1070 AZ Amsterdam**  
**The Netherlands**

Assignment

— recorded on 8/28/2003  
Reel 014464  
Frame 0161

X recorded herewith

X A separate "Assignment" Document Cover Sheet is attached.

X Form PTO-1595 is attached.

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 C.F.R. § 1.10**

"Express Mail" mailing label number: **EV 277962005 US**

Date of Mailing: **April 14, 2004**

I hereby certify that the documents indicated below are being deposited with the United States Postal Service under 37 C.F.R. § 1.10 on the date indicated above and are addressed to Mail Stop - Patent Applications, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 and mailed on the above Date of Mailing with the above "Express Mail" mailing label number.

Vongasavanh Keomaxay  
(name of person mailing paper)

Vongasavanh Keomaxay  
SIGNATURE of person mailing paper or fee

Assent of Assignee to Correct and/or Addition of Inventor

Attorney Docket No. **HSJ920030132US2**

Page 1

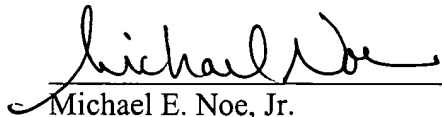
Assignee hereby assents to the correction of inventorship filed

X herewith.

— on —.

A Statement Under 37 C.F.R. § 3.73(b) is attached.

Respectfully submitted,

A handwritten signature in cursive script, reading "Michael E. Noe, Jr.", written over a horizontal line.

Michael E. Noe, Jr.

Reg. No. 44,975

BRACEWELL & PATTERSON, L.L.P.

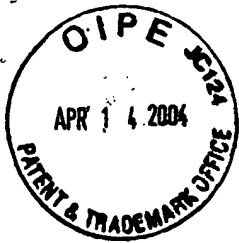
P.O. Box 61389

Houston, Texas 77208-1389

(512) 472-7800

ATTORNEY FOR APPLICANTS





**CERTIFICATE OF TITLE UNDER 37 CFR 3.73(b)**

Applicant: TA-CHANG FU ET AL.

Applicant No.: 10/650,881

Filed: August 28, 2003

For: **METHOD OF REDUCING FRICTION DURING CLIP ADJUSTMENT IN HARD DISK DRIVE AND SPINDLE MOTOR BALANCE PROCESS**

**HITACHI GLOBAL STORAGE TECHNOLOGIES INC.**

, a **Corporation**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at

Reel 014464, Frame 0161, or which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

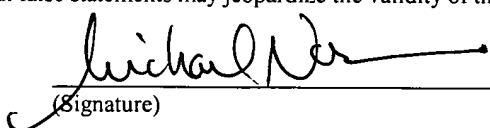
The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: \_\_\_\_\_

4-14-04

  
(Signature)

Registration No.: 44,975

Michael E. Noe, Jr.

Typed or printed name

Counsel

Title